

TUOLUMNE CITY SANITARY DISTRICT

TCS
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SPECIAL MEETING STAFF REPORT APRIL 4, 2022

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Agenda Item No. IV

To: Board of Directors

From: Dave Andres, General Manager

Subject: Wastewater Collection System SRF Construction Project Bids

Date: March 29, 2022

Background: District staff has been working with our consultants, Forsgren Associates and Black Water Engineers, along with California Department of Water Resources State Revolving Fund (SRF) Program staff on the *Wastewater Collection System (WWCS) Upgrade Project Phase 1*. Forsgren Associates is providing Construction Management Services to the District on the project and Black Water Engineers is conducting the design work for the project. The SRF Grant provides 100% state funding with no local match required due to the status of Tuolumne City as a Severely Disadvantaged Community (SDAC). The project grant covers both “hard costs” such as equipment and material purchases, construction labor, and construction equipment use, as well as “soft costs” such as environmental studies, engineering design, construction management and the like. The District is eligible for \$6,000,000 under our current contract award with approximately \$574,418 spent on pre-construction activities through October, 2021. This leaves us with \$5,425, 582 in available funding for current and future project costs. Three Bids were received on March 21, 2022. Of the three Bids only the low bidder, Mozingo Construction, was within our Budget currently authorized under the SRF Program. See attached *Exhibit 1 Bid Summaries*.

Discussion: The *WWCS Upgrade Project Phase 1* concentrates on the replacement of facilities in the southern end of the Carter Basin in the core downtown area of Tuolumne City. The Base Bid includes portions of the following streets: Main, Bay, South Carter, Cedar, East Rozier, West Rozier and Chestnut. It is recommended that Alternates A (Gardner) and C (Madrone) also be awarded as sufficient funding is available for these alternates, but not for all of the areas bid. A map of the proposed area of construction is attached as Exhibit 2.

Overall costs for the proposed project are outlined below in Table 1. As indicated the *Base Bid* totals \$2,987,734 with the two recommended alternates (A. Gardner

and C. Madrone) adding an additional \$568,679 to the proposed project. The proposed recommended construction contract award is \$3,556,413. This recommendation will leave the District with a \$601,669 contingency fund for unforeseen expenses and / or additional construction work.

Table 1. WWCS Total Project Costs

Description	Estimated Cost
Base Bid Construction Costs	\$ 2,987,734
Recommended Alternates (A & C)	<u>\$ 568,679</u>
Total Construction Costs	\$ 3,556,413
Contingency / Additional Work / Surplus	<u>\$ 601,669</u>
Total Construction and Contingency Costs	\$ 4, 158,082
SRF Funding Remaining (estimate)	\$ 5,202,082
<u>Estimated Soft Costs Remaining</u>	
Environmental	\$ 20,000
Construction Management	\$ 540,000
Revolving Line of Credit	\$ 175,000
Design / Project - Engineering	\$ 145,000
Wage Compliance Consultant	\$ 40,000
Miscellaneous Costs	<u>\$ 124,000</u>
Total Soft Costs Remaining	\$ 1,044,000
Grand Total	\$ 5,202,082

In respect to the Bid award, there was one small irregularity in that the low bidder printed the form in black ink instead of blue ink. It is recommended that this irregularity be waived. In addition, the contractor has requested to begin the project at a later date. I would support the delay as long as it does not result in any higher costs to the District and that we can close-out the SRF grant in a timely manner (we currently have until December 31, 2023 to complete construction and March 30, 2024 to request final reimbursement). This may be beneficial to the District in that we would like to close-out the WWTP construction project, if possible, before starting on this project and additional funding may become available to the District.

Fiscal Impact: \$6,000,000 state grant for planning, design, and construction costs. Initial Planning, preliminary design and other estimated “Soft Costs” already expended total \$574,418.

Construction Cost Estimates Reflected in Low Bid:

Base Bid

1. Mobilization & Demobilization, 6-inch Pipe (183 linear feet), 8-inch Pipe (6232 LF) and Abandon Existing Pipe.....	\$1,228,016
2. Pavement & Surface Restoration.....	\$ 243,375
3. Manhole Rehabilitation, Abandonment, New Installations.....	\$ 307,500
4. Install New Cleanouts and Abandon Existing Cleanouts.....	\$ 14,500
5. Reconnect Sewer Services and Relocate Sewer Laterals.....	\$ 862,500
6. All Other Activities.....	\$ 331,843
<u>Total Base Bid Construction</u>	<u>\$2,987,734</u>

Additive Alternates

Item A. Gardner.....	\$143,274
Item B. North Cedar.....	\$137,189
Item C. Madrone.....	\$425,405
Item D. South Cedar.....	\$528,785

Total Construction Contract Cost Estimate including Recommended Additive Alternate Items A and C.....**\$3,556,413**

Attachment(s): Exhibit 1 – Bid summary; Exhibit 2 – Map of proposed construction area; Portion of Long-form Bid document;

Recommendation: Move to award the Wastewater Collection System Bid to Mozingo Construction with the inclusion of Additive Alternates A (Gardner) and C (Madrone).

Recommended Motion: I move to award the *Wastewater Collection System Project* Bid to Mozingo Construction, Inc. at cost of \$2,987,734 for the base bid, \$143,274 for alternate A (Gardner), and \$425,405 for alternate C (Madrone) for a total cost of \$3,556,413 and to wave any irregularities; and authorize the General Manager to take such actions as are necessary to implement the contract award, construction schedule, and construction project.

BOARD ACTION:

<input type="checkbox"/> Resolution No ____	Moved by: _____	Second by: _____
____ AYES	____ NOES	____ ABSTAINED
____ ABSENT	<input type="checkbox"/> No Action Taken	